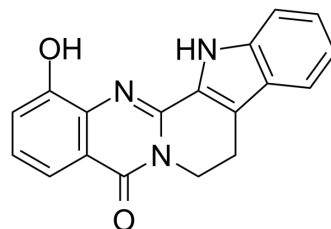


1-Hydroxyrutecarpine

Cat. No.:	HY-N1631
CAS No.:	53600-24-1
Molecular Formula:	C ₁₈ H ₁₃ N ₃ O ₂
Molecular Weight:	303.31
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1-Hydroxyrutaecarpine (compound 1a) is a hydroxy-derivative of rutaecarpine. 1-Hydroxyrutaecarpine shows cytotoxicities with ED₅₀s of 3.72, 7.44 µg/mL for P-388 and HT-29 cells, respectively. 1-Hydroxyrutaecarpine shows antiplatelet activity^{[1][2]} [3].

REFERENCES

- [1]. Bruno Danieli; et al. 1-Hydroxyrutaecarpine from *Euxylophora paraënsis*. *Phytochemistry*, 1974, 13(8), 1603–1606.
- [2]. Chen JJ, et al. New indolopyridoquinazoline, benzo[c]phenanthridines and cytotoxic constituents from *Zanthoxylum integrifoliolum*. *Planta Med.* 2005 May;71(5):470-5.
- [3]. Sheen WS, et al. Indolopyridoquinazoline alkaloids with antiplatelet aggregation activity from *Zanthoxylum integrifoliolum*. *Planta Med.* 1996 Apr;62(2):175-6.

Caution: Product has not been fully validated for medical applications. For research use only.

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